| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| S7 | 130 | ((mobile or wireless) adj stations) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:13 |
| S9 | 639 | ((mobile or wireless) adj stations) near3 (base adj stations) with (different) near3 (mobile adj stations) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 20:24 |
| S10 | 130 | ((mobile or wireless) adj stations) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 20:24 |
| S11 | 12 | S10 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 10:25 |
| S12 | 87 | (superimpos\$3) with (signal or channels) with (SNR or (signal adj noise adj ratio)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 10:28 |
| S13 | 1 | ((mobile or wireless) adj stations) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) with (assign\$3) with (channels) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 10:28 |
| S15 | 152 | ((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 12:37 |
| S16 | 4 | ((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) near3 (SNR or (signal adj noise adj ratio)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 12:38 |
| S17 | 1222 | (assign\$3 OR SHAR\$3) NEAR CHANNELS WITH (TRAFFIC) NEAR2 CHANNEL | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 12:43 |
| S18 | 2314 | (assign\$3 OR SHAR\$3) NEAR3 CHANNELS WITH (TRAFFIC) NEAR2 CHANNEL | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 12:43 |

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|-----|------|--|---|----|----|------------------|
| S19 | 0 | S16 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 12:43 |
| S20 | 12 | S15 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 12:43 |
| S21 | 4 | ((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) near3 (SNR or (signal adj noise adj ratio)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 14:35 |
| S22 | 4 | ((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) near3 (SNR or (signal adj noise adj ratio)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 14:36 |
| S23 | 152 | ((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 15:01 |
| S24 | 1 | "20050143077" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:15 |
| S26 | 9420 | (transmit\$4 or send\$3) same (traffic) near3 channels | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:18 |
| S27 | 1 | (transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) same (superposition\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:18 |
| S28 | 1740 | (transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:19 |
| S29 | 114 | (transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) with (cod\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:49 |
| S30 | 114 | S28 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:19 |

| S31 | 61 | S26 and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:19 |
|-----|--------|--|---|----|----|------------------|
| S32 | 30200 | (base adj stations) same ((mobile or wireless) adj (stations or terminals)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:20 |
| S33 | 4 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:20 |
| S34 | 114 | (transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) with (cod\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:23 |
| S35 | 11 | S32 and S34 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:23 |
| S37 | 27 | (transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) near3 (mobile adj stations) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:32 |
| S46 | 27 | (transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) near3 (mobile adj stations) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:29 |
| S47 | 175092 | (examin\$3 or determin\$3) same (quality or (RSSI or (signal adj strength))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:33 |
| S48 | 3341 | (mobile adj stations) with (transmit\$4 or send\$3) same (quality or (RSSI or (signal adj strength))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:34 |
| S49 | 2017 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:34 |
| S50 | 6 | S37 and S49 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:38 |
| S51 | 7 | (assign\$3) same (channels) with (quality or (signal adj strength)) with (schedul\$3) near3 (mobile adj stations) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/03 20:40 |

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| S52 | 208 | (send\$3 or transmit\$4) with (combin\$3 or embed\$3 or composit43) near3 (signals or channels or (RSSI or (signal adj strengths))) near3 (base adj stations) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:51 |
| S57 | 2575 | ((mobile or wireless) adj (stations or terminals)) with (send\$3 or transmit\$4) same (combin\$3 or embed\$3 or composit\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:54 |
| S61 | 56 | ((over adj the adj air) or OTA) near3 (transmission) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:56 |
| S62 | 8100 | (send\$3 or transmit\$4) same (combin\$3 or embed\$3 or composit\$3) near3 (transmission) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:56 |
| S63 | 93 | S52 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:56 |
| S64 | 236 | S57 and S62 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:57 |
| S65 | 342 | (mobile adj stations) same (first adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:57 |
| S66 | 323 | (mobile adj stations) same (second adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:57 |
| S67 | 236 | S65 and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 11:58 |
| S68 | 17 | S63 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 12:16 |
| S70 | 4 | (receiv\$3 or acquir\$3) same (composit\$3 or combin\$3) near3 (signals) same ((uplink) or (reverse)) with (communication) with (channels) with (assign\$3) near3 (channels) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 12:20 |

| S71 | 4 | (assign\$3) near3 (channels) near3 (simultaneous\$2) with (uplink or reverse) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 12:23 |
|-----|------|--|---|----|-----|------------------|
| S72 | 1 | S70 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 12:20 |
| S74 | 7 | "6505052" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 14:17 |
| S75 | 1 | "6505052".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/06 14:17 |
| S82 | 41 | superposition\$3 near3 decod\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:16 |
| S85 | 2 | (send\$3 or transmit\$4) with (superimpos\$3) near3 (signal adj strengths) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:21 |
| S88 | 1131 | ((mobile or wireless) adj stations) near3 (base adj stations) with ((power adj levels) or (signal adj strengths)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:20 |
| S92 | 63 | ((mobile or wireless) adj stations) near3 (base adj stations) with ((power adj levels) or (signal adj strengths)) with (cod\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:20 |
| S93 | 33 | ((mobile or wireless) adj stations) near3 (base adj stations) with ((power adj levels) or (signal adj strengths)) with (cod\$3) and decod\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:21 |
| S94 | 33 | S88 and S93 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/07 11:21 |
| S97 | 10 | ("5490167" "5604766" "5724292" "5982760" "6104918" "6178313" "6334047" "6351650" "6389296" "6501958").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/07 11:23 |